

# *Chem-Impex International, Inc.*

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825 Dillon Drive

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## *Certificate of Analysis*

<b>Catalogue Number</b>	32037
<b>Lot Number</b>	002251-03820
<b>Product</b>	<b>Potassium carbonate sesquihydrate</b>
<b>CAS Number</b>	6381-79-9
<b>Molecular Formula</b>	CK <sub>2</sub> O <sub>3</sub> •1.5H <sub>2</sub> O
<b>Molecular Weight</b>	165.23

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<b>Appearance</b>	White crystals
<b>Heavy Metals</b>	< 5 ppm (as Pb)
<b>Sulfur Compounds</b>	< 0.003% (as SO <sub>4</sub> )
<b>Anion</b>	Chloride (Cl) : < 0.003% Phosphate (PO <sub>4</sub> ) : < 0.001% Silica (SiO <sub>2</sub> ) : < 0.005%
<b>Cation</b>	Iron (Fe) : < 5 ppm Calcium (Ca) : 0.0001% Magnesium (Mg) : 0.0002% Sodium (Na) : 0.0067% Nitrogen compound (as N) : < 0.001% Ammonium Hydroxide ppt : 0.003%
<b>Insoluble material</b>	0.004%
<b>Assay by titration</b>	100.67%
<b>Grade</b>	ACS Reagent
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Identification : Passes test Loss on heating : 15.53% (285 °C)

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**Remarks**

See material safety data sheet for additional information

For laboratory use only

**The foregoing is a copy of the Certificate of Analysis as provided by our supplier**



**Bala Kumar**  
**Quality Control Manager**